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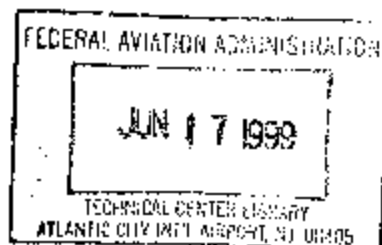
Office of Aviation Research  
Washington, DC 20591

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## **Aviation Screener On-The-Job Training Assessment – Content Outlines**

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April, 1999

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DOT/FAA AR-99/36, Monchetti, Susan B.,  
Aviation screener on-the-job training  
assessment ; ACT Library, 00020615

# Technical Report Documentation Page

1. Report No. DOT/FAA/AR-99/36		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Aviation Screener On-The-Job Training Assessment - Content Outlines				5. Report Date April 1999	
				6. Performing Organization Code AAR-510	
7. Author(s) Susan B. Monichetti, J. L. Fobes, Ph.D., Eric C. Neiderman, Ph.D.				8. Performing Organization Report No.	
9. Performing Organization Name and Address U.S. Department of Transportation, Federal Aviation Administration William J. Hughes Technical Center Atlantic City International Airport, NJ 08405				10. Work Unit No. (TRAIS)	
				11. Contract or Grant No.	
12. Sponsoring Agency Name and Address U.S. Department of Transportation, Federal Aviation Administration Associate Administrator of Civil Aviation Security, ACS-1 800 Independence Ave., S.W. Washington, DC 20590				13. Type of Report and Period Covered	
				14. Sponsoring Agency Code ACS-1	
15. Supplementary Notes: Draft Prepared by: <div style="display: flex; justify-content: space-between;"> <div> Veridian Engineering, Inc.  Advanced Technology Group  Washington Square West, Suite 305  6712 Washington Avenue  Egg Harbor Township, NJ 08234 </div> <div> Steven Siegel, Ph.D. &amp; Michael Snyder  Federal Data Corporation  Science and Engineering Division  500 Scarborough Drive  Egg Harbor Township, NJ 08234 </div> </div>					
16. Abstract Airport observations of screener on-the-job training indicated the need for a standardized set of performance evaluation objectives for each checkpoint task (X-ray, magnetometer, wand/physical search, bag check, and exit lane). These objectives were based on the critical skills and abilities identified in the first phase of this effort. These outlines will form the basis for developing the formal OJT Mastery Test and provide a framework from which a comprehensive and standardized training program can be based.					
17. Key Words On-the-job training (OJT) Aviation security			18. Distribution Statement This document is available to the public through the National Technical Information Service, Springfield, Virginia, 22161		
19. Security Classif. (of this report) 14 CRF 191		20. Security Classif. (of this page) Unclassified		21. No. of Pages 31	
				22. Price	

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## ACRONYMS

ACSSP	Air Carrier Standard Security Program
CSS	Checkpoint Security Supervisor
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulation
LEO	Law Enforcement Officer
OJT	On-the-Job Training

## **1. INTRODUCTION**

### **1.1 Background**

The effectiveness of the national civil aviation security system is highly dependent upon people, especially the checkpoint screeners. The training of these individuals is critical to their performance on the job (Moore, 1991) and the Federal Aviation Administration (FAA) is therefore very interested in enhancing screener training and further improving their readiness for the job.

According to Federal Aviation Regulation (FAR) §108.17 *Use of X-Ray Systems*, there shall be a program for initial and recurrent training of operators of X-ray systems. This program shall include training in the efficient use of X-ray systems and the identification of weapons and other dangerous articles. Section XIII of the FAA's Air Carrier Standard Security Program (ACSSP) presents the standards for training and testing of persons performing screening and security functions.

Upon successful completion of initial screener training, trainees begin paid employment. During their first 40 hours of employment, new screeners participate in On-the-Job Training (OJT) in which they are supervised by experienced trainers, Checkpoint Security Supervisors (CSS), or certified screeners. In accordance with FAR §108.31 *Employment Standards for Screening Personnel*, trainees in OJT must "not make independent judgements as to whether persons or property may enter the sterile area or aircraft without further inspection."

Regulations do not specify, in detail, what or how OJT should be conducted. Furthermore, there are no methods or criteria (other than the passage of time) to determine when an individual has successfully acquired the skills and abilities for each screener task. To this end, the FAA is developing objective test criteria so that OJT completion assures a specified minimal ability standardized across security companies and airports.

### **1.2 Scope**

The goal of this second phase of the OJT project (see Monichetti, Neiderman, & Fobes, 1998 for an overview) was to develop training and evaluation objectives for the OJT Mastery Test. This report presents training objectives, associated skills and abilities to be learned, and a concept for testing each screener task. It additionally provides potential test scenarios for the computer systems engineers developing the mastery test in Phase 3.

## **2. METHOD**

The OJT training objectives were developed for each major checkpoint task (X-ray, magnetometer, wand/physical search, bag check, and exit lane) based on the ACSSP and summarized as critical skills and abilities (Fobes and Neiderman, 1997). Concepts for testing these objectives are presented in Appendix A and form the basis for developing the OJT Mastery Test.

### **3. RESULTS**

Appendix A describes the testing plans for X-ray inspection, magnetometers, hand wandling, physical search, bag search, and exit lane operations.

*Table 1. OJT Assessment*

CRITICAL TASKS	TEST CONTENT
X-ray	Preparation Loading Image Positioning Belt Pausing Interacting Multiple Images Image Analysis Functionality Shades/shadows Classification
Magnetometer	Preparation Divestiture and Walk Through Alarm Resolution Divested Objects
Hand Wandling and Physical Search	Preparation Searching Alarm Resolution
Bag Checks	Preparation Searching Baggage Searching Sealed Packages Contest Assessment
Exit Lane	Preparation

### **4. REFERENCES**

Fobes, J., & Neiderman, E. (1997). *The Training Development Process for Aviation Screeners* (Technical Report No. DOT/FAA/AR-97/46). Federal Aviation Administration, Technical Center, Atlantic City International Airport, NJ.

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- Monichetti, S., Neiderman, E., & Fobes, J. (1998). *Development and Validation Plan for Screener On-the-Job Training Assessment* (Technical Report No. DOT/FAA/AR-98/49). Federal Aviation Administration, Technical Center, Atlantic City International Airport, NJ.
- Moore, K. (1991). *Airport, Aircraft, and Airline Security* (2nd ed.). Boston: Butterworth-Heinemann.



## **APPENDIX A**

### **Training Assessment Outlines for Checkpoint Screening**

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-Ray Operations	
Section 1	Test Area: Preparation	
Objective	Upon successful completion of this exam, the individual understands basic X-ray screening procedures.	
Purpose	<p>To demonstrate the following abilities:</p> <ol style="list-style-type: none"> <li>1. Ability to identify objects that cannot be X-rayed.</li> <li>2. Ability to understand a person's request (in English) that a bag or object not be X-rayed.</li> <li>3. Ability to explain (in English) screening procedures to a person requesting that a bag or object not be X-rayed.</li> <li>4. Ability to explain (in English) to an individual the reason a bag or object cannot be X-rayed.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• A person comes through the checkpoint with baggage.</li> <li>• A person comes through the checkpoint not wanting their camera to go through the X-ray machine.</li> <li>• A Postal Carrier comes through the checkpoint with sacks of US Mail.</li> <li>• Food vendors come through the checkpoint with big carts and large boxes of foodstuffs.</li> <li>• A courier comes through the checkpoint with diplomatic pouch.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-Ray Interpretation	
Section 2	Test Area: Loading	
Objective	Upon successful completion of this exam, the individual correctly identifies a properly loaded bag.	
Purpose	To demonstrate the following skill and ability: 1. Skill in positioning for the best X-ray image. 2. Ability to recognize the correct position for loading a variety of bag types and objects on the X-ray conveyor belt.	
Test Scenarios	<ul style="list-style-type: none"> <li>• Different bag types get loaded in different positions and orientations.</li> <li>• Simulate real world backups at checkpoint with bags piled on one-another on the belt.</li> <li>• Simulate real world backups at checkpoint with bags piled on one-another on the belt and request people place their bags correctly.</li> </ul>	
Content	<p style="text-align: center;">[TO BE COMPLETED IN PHASE 3]</p>	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-Ray Interpretation	
Section 3	Test Area: Image Positioning	
Objective	Upon successful completion of this lesson, the individual distinguishes good X-ray images from those that are not good and when a secondary check is necessary.	
Purpose	<p>To demonstrate the following skill and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in positioning an image so that all areas of the bag can be observed.</li> <li>2. Ability to recognize a correctly displayed X-ray image.</li> <li>3. Ability to recognize when X-ray images are degraded due to equipment malfunction.</li> <li>4. Ability to make a workload judgement in a lost image situation, whether bags in the tunnel should be reloaded onto the conveyor belt or to call whole bag searches for those bags.</li> <li>5. Ability to determine when a whole bag search is required.</li> <li>6. Ability to determine when a bag must be repositioned on the conveyor belt.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• A degraded or cutoff bag image is displayed.</li> <li>• A degraded bag image is visible when the checkpoint is very busy and lines are backed-up.</li> <li>• A degraded bag image that contains a possible threat.</li> <li>• An image that may show a suspicious area and the screener wants the bag run again at a different angle.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-ray Interpretation	
Section 4	Test Area: Pausing	
Objective	Upon successful completion of this exam, the individual appropriately halts conveyor belt movement.	
Purpose	<p>To demonstrate the following skill and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in halting the X-ray conveyor belt before invoking the enhance function.</li> <li>2. Ability to recognize, in real time, conditions under which the conveyor belt must be stopped.</li> <li>3. Ability to maintain focused attention on X-ray images.</li> <li>4. Ability to remain focused on the X-ray image without being distracted by an individual's comments or the airport environment.</li> <li>5. Ability to point out and discretely describe a possible threat on the display monitor.</li> <li>6. Ability to maintain a professional demeanor (cool-headed and in control) during threat object discovery, reporting, and detainment (pending CSS and LEO arrival) procedures.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• Bags containing objects that the screener must further examine (possible threats).</li> <li>• Some bags contain both threats and non-threats.</li> <li>• Long lines of people present with lots of distractions to see if the screener finds the threats.</li> <li>• Present a possible threat and see if the screener calls the CSS without attracting the attention of the individual.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-ray Interpretation	
Section 5	Test Area: Interactions	
Objective	Upon successful completion of this exam, the individual calls for assistance and performs standing operating procedures in a professional manner.	
Purpose	<p>To demonstrate the following skill and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in calmly summoning the appropriate support (CSS or LEO) when a person indicates possession of a weapon/bomb.</li> <li>2. Ability to perform possession of weapon/bomb procedures when a person indicates possession of a weapon.</li> <li>3. Ability to judge the manner in which a possession of weapon/bomb statement is made (statement of fact before screening vs. threat).</li> <li>4. Ability to perform possession of weapon/bomb procedures under conditions of stress.</li> <li>5. Ability to maintain a professional demeanor while conducting possession of weapon/bomb procedures.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• A group of kids come through the checkpoint. One of them says, "Hey my buddy has a bomb."</li> <li>• An undercover police officer comes through the checkpoint and states that he has a gun in his bag.</li> <li>• A member of the bomb squad comes through the checkpoint and says he has an improvised explosive device in his bag.</li> <li>• A person comes through the checkpoint with a bomb in their bag.</li> <li>• A person comes through the checkpoint with a gun in their bag.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-Ray Interpretation	
Section 6	Test Area: Viewing Multiple Images	
Objective	Upon successful completion of this exam, the individual performs a two-plane X-ray of carry-on baggage.	
Purpose	To demonstrate the following skill:  I. Skill in operating the X-ray machine conveyor belt to reposition bags.	
Test Scenarios	<ul style="list-style-type: none"> <li>A screener orients a bag on the conveyor belt in an upright orientation and interprets the X-ray image. Upon completion, the screener re-orient the same bag with the bag laid flat.</li> </ul>	
Content	<p style="text-align: center;">[TO BE COMPLETED IN PHASE 3]</p>	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-Ray Interpretation	
Section 7	Test Area: Image Analysis-Equipment Functions	
Objective	Upon successful completion of this lesson, the individual efficiently operates the X-ray machine and recognizes the FAA test articles.	
Purpose	<p>To demonstrate the following skill and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in operating the forward, reverse, and enhance functions.</li> <li>2. Ability to identify an angle of view that obscures object recognition.</li> <li>3. Ability to determine that all objects in a bag meet the pass criteria.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• Display buttons on the computer screen that simulate the X-ray machine interface. Have the screener correctly operate all controls, and determine if the bags are clear to pass.</li> <li>• Display bag images with obstructed views and different positions on belt.</li> <li>• Display FAA test articles.</li> </ul>	
Content	<p>[TO BE COMPLETED IN PHASE 3]</p>	



Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-Ray Interpretation	
Section 8	Test Area: Image Analysis—Interpreting Shades/Shadows	
Objective	Upon successful completion of this exam, the individual interprets shadows that could mask threat objects and recognizes objects according to their image shading.	
Purpose	To demonstrate the following abilities: <ol style="list-style-type: none"> <li>1. Ability to associate objects with a specific image shade.</li> <li>2. Ability to determine whether a shadow area could mask a weapon or threat object.</li> <li>3. Ability to identify an angle of view that obscures object recognition.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• Show the screener bag images that contain shielded items and areas of large and small shadows. Large objects, such as a dart board, could be used to obscure parts of the bag.</li> </ul>	
Content	<p style="text-align: center;">[TO BE COMPLETED IN PHASE 3]</p>	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 1	Unit: X-Ray Interpretation	
Section 9	Test Area: Image Analysis – Classification	
Objective	Upon successful completion of this exam, the individual identifies and classifies threats, then summons help when a threat object is detected.	
Purpose	<p>To demonstrate the following skills and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in activating the emergency button when a threat object is identified.</li> <li>2. Skill in stopping the X-ray conveyor belt to retain a threat within the X-ray tunnel.</li> <li>3. Ability to match real objects with X-ray image representations of the object.</li> <li>4. Ability to distinguish threat objects from non-threat objects in X-ray images.</li> <li>5. Ability to communicate verbally the location or type of a threat or possible threat in an X-ray image.</li> <li>6. Ability to memorize and recall a variety of threat types.</li> <li>7. Ability to identify threat objects in X-ray images from a variety of orientations.</li> <li>8. Ability to visualize an assembled threat object from a collection of its parts.</li> <li>9. Ability to identify a threat object when it is disguised as an innocent object.</li> <li>10. Ability to judge objects in an X-ray bag image as being part of a set (i.e., belonging together).</li> <li>11. Ability to communicate verbally to a person that he or she cannot obtain the bag or object containing the threat or possible threat (verbally detain the person).</li> <li>12. Ability to remain focused on the image analysis task throughout the time period the screener is assigned to this station.</li> <li>13. Ability to perform X-ray image analysis in the airport environment.</li> <li>14. Ability to see the X-ray images clearly under normal operating conditions (i.e., the screener's near vision is not impaired or is able to be corrected).</li> </ol>	

Test Scenarios	<ul style="list-style-type: none"> <li>• A screener operates the X-ray machine under normal operating conditions and monitors threat objects in bags – similar to TIP.</li> </ul>
Content	<p>[TO BE COMPLETED IN PHASE 3]</p>

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 2	Unit: Magnetometer Operations	
Section 1	Test Area: Preparation	
Objective	After successfully completing this exam, the individual knows how the magnetometer works, what it does, and why it is used.	
Purpose	<p>To demonstrate the following abilities:</p> <ol style="list-style-type: none"> <li>1. Ability to explain to an individual the procedure for passing through the magnetometer.</li> <li>2. Ability to communicate (in English) with the person being hand wanded and/or physically searched.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• Have people come through the magnetometer with varying degrees of clothing, jewelry, items in their pockets, and carrying coats.</li> <li>• Have people ask why they are walking through the magnetometer.</li> </ul>	
Content	<p>[TO BE COMPLETED IN PHASE 3]</p>	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 2	Unit: Magnetometer Operations	
Section 2	Test Area: Divestment and Walk-Through	
Objective	After successfully completing this exam, the individual cites proper divestment procedures and directs people through the magnetometer.	
Purpose	<p>To demonstrate the following skills and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in directing people through the magnetometer.</li> <li>2. Skill in handling the divestment container.</li> <li>3. Ability to judge whether divested objects are prohibited from the sterile area.</li> <li>4. Ability to attend to magnetometer duties without being distracted by the airport environment or individual conversations.</li> <li>5. Ability to process persons legally carrying firearms or other weapons into the sterile area.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• Show various objects typically put into divest container and have the magnetometer operator determine what can pass and what cannot.</li> <li>• An operator examines the divestment containers while people are trying to distract him or her.</li> <li>• An LEO comes through the checkpoint.</li> </ul>	
Content	<p>[TO BE COMPLETED IN PHASE 3]</p>	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 2	Unit: Magnetometer Operations	
Section 3	Test Area: Alarm Resolution	
Objective	After successfully completing this exam, the individual resolves magnetometer alarms in a systematic fashion.	
Purpose	<p>To demonstrate the following abilities:</p> <ol style="list-style-type: none"> <li>1. Ability to follow prescribed magnetometer procedures under conditions of stress.</li> <li>2. Ability to judge whether the magnetometer is working properly.</li> <li>3. Ability to respond to alarm situations.</li> <li>4. Ability to judge whether a person should be re-inspected or passed on for wandling or physical search.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• A person walks-through the magnetometer with no alarm.</li> <li>• A person walks-through the magnetometer with an alarm on the first pass.</li> <li>• The same person walks-through again (second pass) and no alarm sounds.</li> <li>• The same person walks through again (second pass) and an alarm sounds.</li> <li>• The magnetometer does not alarm when a person walks through it with a visible metal object.</li> </ul>	
Content	<p>[TO BE COMPLETED IN PHASE 3]</p>	

<b>Outlines</b> <span style="float: right;">Multimedia Courseware</span> <b>Customer Approval Signature:</b> _____ <b>Date:</b> _____	
<b>Module 2</b>	<b>Unit: Magnetometer Operations</b>
<b>Section 4</b>	<b>Test Area: Divested Objects</b>
<b>Objective</b>	Upon successful completion of this exam, the individual lists and classifies divested objects as threat, no threat, or possible threat. They also identify threat objects disguised as common, non-threat objects by inspecting them for abnormal weight, peculiarity, and tampering.
<b>Purpose</b>	<p>To demonstrate the following abilities:</p> <ol style="list-style-type: none"> <li>1. Ability to memorize and recall a variety of threat types.</li> <li>2. Ability to classify objects as obvious threat, hazardous material, possible threat, or non-threat.</li> <li>3. Ability to judge whether divested objects are unusually heavy (e.g., eyeglass case concealing a gun) or show evidence of tampering.</li> <li>4. Ability to name the objects or object types divested from people.</li> <li>5. Ability to distinguish threat objects from non-threat objects.</li> <li>6. Ability to perform object inspection operations in the airport environment without being distracted by individual conversations.</li> <li>7. Ability to inspect divested objects without being distracted by the airport environment.</li> <li>8. Ability to recognize objects that seem out of place in relation to other divested objects.</li> <li>9. Ability to identify a threat object when it is disguised as an innocent object.</li> <li>10. Ability to follow prescribed object inspection procedures under conditions of stress, such as when an actual threat object is found.</li> <li>11. Ability to communicate verbally with the individual to ask questions about divested objects and to verbally prevent the individual from retrieving prohibited objects.</li> </ol>
<b>Test Scenarios</b>	<ul style="list-style-type: none"> <li>• Provide the screener with static pictures of numerous threat objects (mace, pepper spray, etc.) and non-threat objects (pagers, cell phones, etc.) and have the screener classify them as threat, no threat, or possible threat.</li> <li>• Show pictures of luggage with ripped lining or worn screws.</li> </ul>

	<ul style="list-style-type: none"> <li>• Show threat objects that appear to be non-threat objects (i.e., key chain gun, knife in a cane, and the like).</li> <li>• Have the screener indicate to individuals that they must turn on pagers, phones, etc.</li> <li>• Have the screener look under all divested objects that could conceal threat objects.</li> </ul>
Content	<p>[TO BE COMPLETED IN PHASE 3]</p>



Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 3	Unit: Hand-Wanding and Physical Search Operations	
Section 1	Lesson: Preparation	
Objective	Upon successful completion of this exam, the individual requests permission and explains hand wanding procedures to the people being screened, as well as judging when a person should be physically searched.	
Purpose	<p>To demonstrate the following skills and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in operating the hand wand controls.</li> <li>2. Skill in maneuvering the hand wand without touching the individual.</li> <li>3. Ability to explain verbally to the individual the purpose and procedure of the hand wand search.</li> <li>4. Ability to communicate verbally with the individual to ask questions about the hand wand alarms or divested objects.</li> <li>5. Ability to judge whether the individual should be hand wanded or physically searched.</li> <li>6. Ability to judge whether a hand wand is malfunctioning.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• Have the screener perform the following: <ul style="list-style-type: none"> <li>- Ask the individual for permission to conduct a search.</li> <li>- Ask the individual to remove any bulky clothing that may interfere with inspection.</li> <li>- Test the wand to ensure it is operating properly.</li> <li>- Direct the individual to face forward and spread his/her arms.</li> </ul> </li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 3	Unit: Wanding and Physical Search Operations	
Section 2	Test Area: Hand Wand Searching	
Objective	Upon successful completion of this exam, the individual demonstrates properly handling and screening using a hand wand.	
Purpose	<p>To demonstrate the following skill and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in operating the hand wand controls.</li> <li>2. Ability to detect irregularities in clothing that could indicate a concealed object.</li> <li>3. Ability to distinguish threat objects from non-threat objects.</li> <li>4. Ability to recognize objects that seem out of place in relation to other objects.</li> <li>5. Ability to perform a wand search without being distracted by the airport environment or individual conversations.</li> <li>6. Ability to follow prescribed procedures under conditions of stress, such as when an actual threat object is found, or when a person is irate.</li> <li>7. Ability to memorize and recall a variety of threat object types and characteristics.</li> <li>8. Ability to visualize an assembled threat object from a collection of its parts.</li> <li>9. Ability to assess divested objects for possible threats.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• A screener demonstrate proper hand wanding procedures and positively identifies each alarm. (Note: hide threats in foot and ankle areas which are often overlooked and include hand wanding of a person with an oversize belt-buckle.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 3	Unit: Wandering and Physical Search Operations	
Section 3	Test Area: Alarm Resolution	
Objective	Upon successful completion of this exam, the individual performs the alarm resolution protocol.	
Purpose	<p>To demonstrate the following abilities:</p> <ol style="list-style-type: none"> <li>1. Ability to communicate verbally with the person to ask questions about the wand alarms or divested objects.</li> <li>2. Ability to communicate verbally to a screener in charge, CSS, or LEO, the location of a threat or possible threat on an individual.</li> <li>3. Ability to hear an aural wand alarm in an airport environment.</li> <li>4. Ability to perform alarm confirmation procedures.</li> <li>5. Ability to perform a pat-down search.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• The screener identifies and resolves alarms on a person. <ul style="list-style-type: none"> <li>- The screener asks the person to remove any metal objects.</li> <li>- Ensure that the hand wand alarms on a specific area of the person. The screener must resolve the source of the alarm. Upon alarm resolution, have screener resumes at the point where the alarm was sounded.</li> <li>- The screener continues the hand wandering procedure until the person has been completely screened and all alarms have been identified and cleared.</li> </ul> </li> <li>• The screener verifies that objects in the divestment tray are not dangerous or restricted.</li> <li>• Demonstrate procedures required when the alarm cannot be identified (pat-down search required).</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 4	Unit: Bag Check Operations	
Section 1	Test Area: Preparation	
Objective	Upon successful completion of this exam, the individual queries for consent to perform a bag check and properly orients and opens a carry-on bag for physical inspection.	
Purpose	<p>To demonstrate the following skills and abilities:</p> <ol style="list-style-type: none"> <li>1. Skill in positioning bags or packages so that the opening faces the screener.</li> <li>2. Skill in opening a variety of latch types commonly found on baggage or carry-on objects.</li> <li>3. Ability to explain verbally (in English) to the person the purpose of the bag check.</li> <li>4. Ability to verbally (in English) request the identity of a bag owner.</li> <li>5. Ability to determine the appropriate bag check procedure for a given condition.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• The screener asks, and receives, an individual's permission to inspect a bag. The screener positions the bag so that the opening faces the screener, not the owner.</li> <li>• The person tries to take possession of the bag or some of its contents before they have been completely searched.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 4	Unit: Bag Check Operations	
Section 2	Test Area: Searching Baggage	
Objective:	Upon successful completion of this exam, the individual successfully opens and inspects a limited area of a bag, classifying a variety of threat and non-threat objects and determining if the bag or any of its objects are suspected of having been altered.	
Purpose	<p>To demonstrate the following skill and abilities:</p> <ol style="list-style-type: none"><li>1. Skill in operating latches zippers, and other baggage hardware.</li><li>2. Ability to recognize a threat object concealed among other innocent bag objects.</li><li>3. Ability to comprehend X-ray screener verbal instructions describing the location or type of the possible threat object.</li><li>4. Ability to determine whether objects in the specified search area could mask or conceal a threat object.</li><li>5. Ability to distinguish threat objects from non-threat objects.</li><li>6. Ability to recognize objects that seem out of place in relation to other bag objects.</li><li>7. Ability to perform a bag check without being distracted by the airport environment or conversation from the bag owner.</li><li>8. Ability to follow prescribed procedures under conditions of stress, such as when an actual threat object is found.</li></ol>	
Test Scenarios	<ul style="list-style-type: none"><li>• The bag checker asks permission to perform a search to the area of the bag that cannot be cleared by X-ray.</li><li>• The X-ray operator shows the screener what area needs to be inspected and has the screener identify the questionable area.</li><li>• The bag checker identifies an opaque object and checks underneath the object to make sure it is not masking a real threat.</li><li>• Test the bag checker's ability to detect a unusually worn or tampered bag.</li></ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 4	Unit: Bag Check Operations	
Section 3	Test Area: Searching Sealed Packages	
Objective	Upon successful completion of this exam, the individual successfully unwraps and inspects sealed packages that a passenger either does not want X-rayed or contains item(s) that cannot be identified by X-ray.	
Purpose	<p>To demonstrate the following abilities:</p> <ol style="list-style-type: none"> <li>1. Ability to recognize a threat object concealed among other innocent objects.</li> <li>2. Ability to communicate verbally with the person to ask questions about the package or its contents.</li> <li>3. Ability to recognize evidence that the internal or external package structure has been altered.</li> <li>4. Ability to determine whether package objects could mask or conceal a threat object.</li> <li>5. Ability to distinguish threat objects from non-threat objects.</li> <li>6. Ability to recognize objects that seem out of place in relation to other package objects.</li> <li>7. Ability to perform a package check without being distracted by the airport environment or conversation from the package owner.</li> <li>8. Ability to follow prescribed procedures under conditions of stress, such as when an actual threat object is found.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• Have the bag checker inspect packages that contain a variety of objects, some with threats and some with innocent objects (e.g., have him or her identify darts, golf clubs, fishing poles, letter openers, saw blades, pool cues, ski poles, road flares, tear gas, lighter fluid, and a hammer).</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 4	Unit: Bag Check Operations	
Section 4	Test Area: Contents Assessment	
Objective	Upon successful completion of this exam, the individual assesses items in a bag then classifies objects as threat, no threat, or possible threat.	
Purpose	<p>To demonstrate the following abilities:</p> <ol style="list-style-type: none"> <li>1. Ability to judge whether an object or case is unusually heavy or shows evidence of internal or external tampering.</li> <li>2. Ability to distinguish threat objects from non-threat objects.</li> <li>3. Ability to perform contents assessment operations in the airport environment without being distracted by individual conversations.</li> <li>4. Ability to follow prescribed procedures under conditions of stress, such as when an actual threat object is found.</li> <li>5. Ability to recognize objects that seem out of place in relation to other bag objects.</li> <li>6. Ability to identify a threat object when it is disguised as an innocent object.</li> <li>7. Ability to communicate verbally with the individual to explain the contents assessment procedure, ask questions about bags, cases, or objects and to verbally prevent the individual from retrieving prohibited objects.</li> </ol>	
Test Scenarios	<ul style="list-style-type: none"> <li>• The bag checker demonstrates the proper search path for inspecting a bag.</li> <li>• Have the bag checker inspect a variety of bags with a number of possible and definite threat objects in them.</li> <li>• Distract the bag checker with a video of individuals asking questions.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	

Outlines		Multimedia Courseware
Customer Approval Signature: _____		Date: _____
Module 8	Unit: Exit Lane Operations	
Section 1	Test Area: Preparation	
Objective	After successful completing this exam, the individual is familiar with exit lane procedures.	
Purpose	To demonstrate the following abilities:  1. Ability to give verbal instructions (in English) to direct people to the screening checkpoint.  2. Ability to follow prescribed exit lane procedures under conditions of stress, such as with an uncooperative person.	
Test Scenarios	<ul style="list-style-type: none"> <li>• A person decides to go outside to smoke; passes through the exit and immediately stops, forgets something, and comes right back through the exit.</li> <li>• A person goes through the checkpoint and then comes around by the exit to get a package/tickets from someone outside the sterile area.</li> <li>• An armed LEO comes through the exit lane into the sterile area.</li> <li>• A person with a stroller comes through the exit lane.</li> <li>• A vendor comes through the exit lane with big rolling carts.</li> <li>• A pair of Emergency Medical Technicians come through the exit lane due to an emergency inside the sterile area.</li> <li>• A person goes through the checkpoint and then goes around by the exit lane to kiss a relative goodbye who is outside security area. That person becomes irate when confronted by the screener.</li> <li>• A person in a wheelchair tries to enter through the exit lane.</li> </ul>	
Content	[TO BE COMPLETED IN PHASE 3]	